

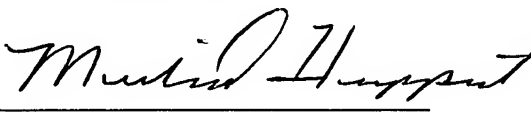
REMARKS

The present Preliminary Amendment is submitted to cancel original claims 1-20 and to add new claims 21-39.

Further, the specification has been amended to place the application in better form for examination. No new matter has been added.

Respectfully submitted,

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ABSTRACT

~~{PROBLEMS}~~—A visible/near-infrared spectrometry and its device for determining the components of a sample and the characteristics of the components of the sample by using visible light and/or near-infrared light in the wavelength range from 400 nm to 2500 nm. This spectrometry and device enable measurement that has been conventionally difficult, including high-accuracy determination of many components, detection of components present in ultra-low concentrations, and real-time determination of component characteristics, including determination of the structure or function of bio-macromolecules and their variations.

~~{MEANS FOR SOLVING PROBLEMS}~~—The spectrum of a sample is measured while exposing the sample to water-activating perturbations (WAP), ~~there by~~ thereby causing the response spectrum to change, and by detecting transitions of the response spectrum. With this, by conducting spectrum analysis and/or multivariate analysis, the components of the sample and/or the characteristics of the components can be determined.

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